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**PRODUCT  
INFORMATION****NOX-RUST® X-298****Description**

NOX-RUST® X-298 is a solvent type, water displacing, thin soft film. NOX-RUST® X-298 is applicable to most plant and inter-plant operations. It is used for the protection of

interiors of machines under cover, and particularly will not clog dies of stamping machines.

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**Physical Properties**

Flash Point  
Weight per Gallon  
SUS viscosity 77°F  
Film  
Application

**Typical Values**

170° F (Min.)  
6.85 lbs (average)  
92 SUS  
Thin, transparent and almost non-discernible.  
Cold dip, spray or brush.

**Water Displacement:** Effective moisture displacing action occurs in both spray and brushing application. However, in cases where large volumes of water, liquid alkaline cleaner or soluble cutting fluids are to be displaced from fabrications, it is recommended to agitate part in a dip tank provided with a bottom drain for separation of the displaced liquids.

NOX-RUST® X-298 is used on springs, stampings, saws, machine tools, engines, compressors, refrigeration, and aviation parts, watchmaker and precision tools, gear shafts, sockets, hammers, cutting tools, steel plates, taps, drills, bearings, bearing races, knife blades, gear parts, and cold rolled steel and many other applications.

NOX-RUST® X-298 not only displaces moisture, but will not emulsify in the presence of alkali. It will quickly separate alkaline water displaced from metal surfaces. This non-emulsifiable rust preventative and water displacer will give a protective film upon evaporation which is non-staining and almost non-apparent, except for the sparkling luster it provides to treated parts.

## Surface Preparation

The maximum performance of NOX-RUST® X-298 can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

## Application

NOX-RUST® X-298 is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. DO NOT THIN NOX-RUST® X-298. Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. NOX-RUST® X-298 can be spray or dip applied.

## Removal

NOX-RUST® X-298 can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. NOX-RUST® X-298 can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

## Storage

Store NOX-RUST® X-298 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

## Caution

Adequate ventilation is required for cure and to ensure against formation of a combustible liquid. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES. Refer to Daubert's Material Safety Data Sheet for additional handling and first aid information.

## Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

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**CAUTION:** The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

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REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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CHEMICAL COMPANY, INC.

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